

Title (en)  
SURGICAL SUTURING INSTRUMENT

Title (de)  
CHIRURGISCHES NAHTINSTRUMENT

Title (fr)  
INSTRUMENT CHIRURGICAL DE SUTURE

Publication  
**EP 2989996 A2 20160302 (EN)**

Application  
**EP 15182634 A 20150827**

Priority  
• US 201462042844 P 20140828  
• US 201514624886 A 20150218

Abstract (en)  
A surgical suturing instrument including a handle assembly, an elongate member extending distally from the handle assembly and an end effector attached to the distal end of the elongate member. The end effector may include a first jaw member movable relative to a second jaw member between an open position and an approximated position for grasping tissue. Each of the jaw members define a knife slot, a first needle slot, and a second needle slot extending along a longitudinal axis of the end effector. The end effector also includes a knife assembly and an upper assembly pivotably coupled to an upper knife flange of the knife assembly. The upper assembly includes an upper bellcrank, a first needle, a first suture passing through a first aperture defined by the first needle, a second needle and a second suture passing through a second aperture defined by the second needle.

IPC 8 full level  
**A61B 17/04** (2006.01)

CPC (source: CN EP US)  
**A61B 17/0467** (2013.01 - US); **A61B 17/0469** (2013.01 - CN EP US); **A61B 17/0482** (2013.01 - EP US); **A61B 17/0491** (2013.01 - CN EP US); **A61B 17/06** (2013.01 - CN); **A61B 90/08** (2016.02 - EP US); **A61B 17/295** (2013.01 - EP US); **A61B 2017/00353** (2013.01 - EP US); **A61B 2017/0409** (2013.01 - CN); **A61B 2017/0472** (2013.01 - EP US); **A61B 2017/06019** (2013.01 - EP US); **A61B 2017/06042** (2013.01 - EP US); **A61B 2017/06176** (2013.01 - EP US); **A61B 2017/2931** (2013.01 - US); **A61B 2017/320052** (2013.01 - EP US)

Citation (applicant)  
• US 5865361 A 19990202 - MILLIMAN KEITH L [US], et al  
• US 8414612 B2 20130409 - KIRSCH DAVID [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2989996 A2 20160302**; **EP 2989996 A3 20160323**; **EP 2989996 B1 20170712**; CA 2894810 A1 20160228; CN 105380690 A 20160309; CN 105380690 B 20190730; US 10342528 B2 20190709; US 2016058437 A1 20160303; US 2017196550 A1 20170713; US 9636103 B2 20170502

DOCDB simple family (application)  
**EP 15182634 A 20150827**; CA 2894810 A 20150618; CN 201510536655 A 20150827; US 201514624886 A 20150218; US 201715471117 A 20170328